

REQUEST FOR PROPOSAL (RFP)

INVITATION OF BIDS FOR PROCUREMENT OF QUANTUM RANDOM NUMBER  
GENERATOR (QRNG)

LIMITED TENDER ENQUIRY

To,

As per approved vendor list on LTE case file  
.....

ITW/Hardware Procurement/216/QRNG

01 Apr 21

REQUEST FOR PROPOSAL (RFP) NO 50 DATED 31 MAR 21

1. Bids in sealed cover (**Techno-Commercial**) are invited for Procurement of "Quantum Random Number Generator (QRNG)". The procurement will be an agreement between the purchaser and the supplier for the scope of the work as listed in Part II of this RFP. Please super scribe the above mentioned Title, RFP number and date of opening of the Bids on the sealed cover of bid to avoid the Bid being declared invalid.

2. The address and contact numbers for sending Bids or seeking clarifications regarding this RFP are given below -

- |                                     |   |   |
|-------------------------------------|---|---|
| (a) Bids/queries to be addressed to | : | Director General WESEE,<br>(For HOD (IT&IW))<br>West Block V, RK Puram<br>New Delhi – 066 |
| (b) Postal address for sending Bids | : | West Block V,<br>RK Puram, New Delhi – 66   |
| (c) Name of the contact personnel   | : | Lt Cdr Sourabh Pandey   |
| (d) Telephone number                | : | 011 - 26104815  |
| (e) Fax number                      | : | 011 - 26101143  |

3. This RFP, divided into five Parts, is as follows:

(a) Part I – Contains General Information and Instructions for the Bidders about the RFP such as the time, place of submission and opening of tenders, Validity period of tenders, etc.

(b) Part II – Contains essential details of the items/services required, such as the Schedule of Requirements (SOR), Technical Specifications, Delivery Period, Mode of Delivery and Consignee details.




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- (c) Part III – Contains Standard Conditions of RFP, which will form part of the Contract with the successful Bidder.
- (d) Part IV – Contains Special Conditions applicable to this RFP and which will also form part of the contract with the successful Bidder.
- (e) Part V – Contains Evaluation Criteria and Format for Price Bids.

4. This RFP is being issued with no financial commitment and the Buyer reserves the right to change or vary any part thereof at any stage. Buyer also reserves the right to withdraw the RFP, should it become necessary at any stage.



  
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Systems Manager (IT&IW)  
for Director General



## Part I – General Information

1. **Last date and time for depositing the Bids.** **22 Apr 21 at 1430 hrs.** The sealed Bid should be deposited/reach by the due date and time. The responsibility to ensure this lies with the Bidders. The bid should be sealed in envelope.
2. **Manner of depositing the Bids.** Single-bid system shall be followed. Sealed Bid (**Techno-Commercial**) should either be dropped in the Tender Box marked as **WESEE** kept near the reception office at main entrance of WEST BLOCK-V or sent by registered post at the address given above so as to reach by the due date and time. Late tenders will not be considered. No responsibility will be taken for postal delay or non-delivery/non-receipt of Bid documents. Bids sent by FAX or e-mail will not be considered (unless they have been specifically called for by these modes due to urgency).
3. **Time and date for opening of Bids.** **Techno-Commercial** bids will be opened at office of WESEE on **22 Apr 21 at 1500 hrs Wednesday.** If the Bid submission date happens to be a Wednesday, then bids received till 1430 hrs will be opened. (If due to any exigency, the due date for opening of the Bids is declared a closed holiday, the Bids will be opened on the next working day at the same time or on any other day/time, as intimated by the Buyer).
4. **Location of the Tender Box.** Sealed bids are to be dropped in the Tender Box marked as **WESEE kept near the reception office at main entrance of West Block-V.** Only those Bids that are found in the tender box will be opened. Bids dropped in the wrong Tender Box will be rendered invalid.
5. **Place of opening of the Bids.** **Office of Logistics Officer, WESEE.** The Bidders may depute their representatives, duly authorized in writing, to attend the opening of Bids on the due date and time. Rates and important commercial/technical clauses quoted by all Bidders will be read out in the presence of the representatives of all the Bidders. This event will not be postponed due to non-presence of your representative.
6. **Type of Tender and Bid.** This is a **Limited Tender Enquiry** basis and no unsolicited bids will be accepted/ entertained by this office in accordance with GFR 2017. This procurement is on **Single Bid Tender** basis where both the technical and commercial details, along with other information, as sought are to be submitted together in a single sealed cover by the bidder.
7. **Forwarding of Bids.** The **Techno-Commercial bids** should be forwarded by Bidders under their original memo / letter pad inter alia furnishing details like **TIN number, VAT/CST/GST number, Bank address with EFT Account if applicable, etc and contact nos, complete postal & e-mail address of their office.**
8. **Clarification regarding contents of the RFP.** A prospective bidder who requires clarification regarding the contents of the bidding documents shall notify to the Buyer in writing about the clarifications sought not later than 03 days prior to the date of opening of the Bids. Copies of the query and clarification by the Buyer will be sent to all prospective bidders who have received the bidding documents.
9. **Modification and Withdrawal of Bids.** The bidder may modify or withdraw his bid after submission provided that the written notice of modification or withdrawal is received by the Buyer prior to deadline prescribed for submission of bids. A withdrawal notice may be sent by fax but it should be followed by a signed confirmation copy to be sent by post and such signed confirmation should reach the Buyer not later than the deadline for submission of bids. No bid shall be modified after the deadline for submission of bids. No bid may be withdrawn in the interval





between the deadline for submission of bids and expiration of the period of bid validity specified. Withdrawal of a bid during this period will result in Bidder's forfeiture of bid security.

10. **Clarification regarding contents of the Bids.** During evaluation and comparison of bids, the Buyer may, at its discretion, ask the bidder for clarification of his bid. The request for clarification will be given in writing and no change in prices or substance of the bid will be sought, offered or permitted. No post-bid clarification on the initiative of the bidder will be entertained.

11. **Rejection of Bids.** Canvassing by the Bidder in any form, unsolicited letter and post-tender correction may invoke summary rejection with forfeiture of EMD. Conditional tenders will be rejected.

12. **Unwillingness to quote.** Bidders unwilling to quote should ensure that intimation to this effect reaches before the due date and time of opening of the Bid, failing which the defaulting Bidder may be delisted for the given range of Services as mentioned in this RFP.

13. **Validity of Bids.** The bids should remain valid till **180 Days** from the last date of submission of the Bids.

**---END OF PART I---**

  
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Part II – Essential Details of Items/Services required

1. **Schedule of Requirements:** List of items/services required is as follows:-

| <u>Sl. No.</u> | <u>Description of Item</u>             | <u>Qty (Nos.)</u> |
|----------------|--|-------------------|
| (a).           | Quantum Random Number Generator (QRNG) | 01                |

2. **Technical Details and Scope of the Project.** The Scope of Work is placed at Appendix 'A'.

**Delivery Period**


3. Delivery of the item(s) to be completed in **08 Weeks'** time from the date of issue of the Supply Order. Extension of contract delivery period will be at the sole discretion of the Buyer, with applicability of LD clause.

4. **Single-Bid System:** Bidder is required to **furnish clause by clause compliance for all parts of RFP** bringing out clearly the deviations from the RFP. The Bidder is advised to submit the compliance statement in the following format along with Commercial Bid:-

| <b>Para of RFP</b> | <b>Compliance to RFP clause – whether Yes / No</b> | <b>In case of non-compliance, deviation from RFP to be specified in unambiguous terms</b> |
|--------------------|--|---|
|                    |  |   |

5. **Consignee Details**

The Director General  
Weapons & Electronics Systems Engineering Establishment (WESEE)  
West Block –V, Wing – 1,  
RK Puram, New Delhi - 110066

  
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Systems Manager  
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**---END OF PART II---**

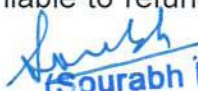




### Part III – Standard Conditions of RFP

The Bidder is required to give confirmation of their acceptance of the Standard Conditions of the Request for Proposal mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder (i.e. Seller in the Contract) as selected by the Buyer. Failure to do so may result in rejection of the Bid submitted by the Bidder.

1. **Law:** The Contract shall be considered and made in accordance with the laws of the Republic of India. The contract shall be governed by and interpreted in accordance with the laws of the Republic of India.
2. **Effective Date of the Contract:** The contract shall come into effect on the date of signatures of both the parties on the contract (Effective Date) and shall remain valid until the completion of the obligations of the parties under the contract. The deliveries and supplies and performance of the services shall commence from the effective date of the contract.
3. **Arbitration:** All disputes or differences arising out of or in connection with the Contract shall be settled by bilateral discussions. Any dispute, disagreement or question arising out of or relating to the Contract or relating to construction or performance, which cannot be settled amicably, may be resolved through arbitration. The standard clause of arbitration is as per Forms DPM-7, DPM-8 and DPM-9 (Available in MoD website and can be provided on request).
4. **Penalty for use of Undue influence.** The Seller undertakes that he has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the Buyer or otherwise in procuring the Contracts or for bearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the present Contract or any other Contract with the Government of India for showing or forbearing to show favour or disfavour to any person in relation to the present Contract or any other Contract with the Government of India. Any breach of the aforesaid undertaking by the Seller or any one employed by him or acting on his behalf (whether with or without the knowledge of the Seller) or the commission of any offence by the Seller or anyone employed by him or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1986 or any other Act enacted for the prevention of corruption shall entitle the Buyer to cancel the contract and all or any other contracts with the Seller and recover from the Seller the amount of any loss arising from such cancellation. A decision of the Buyer or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the Seller. Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the Seller towards any officer/employee of the Buyer or to any other person in a position to influence any officer/employee of the Buyer for showing any favour in relation to this or any other contract, shall render the Seller to such liability/ penalty as the Buyer may deem proper, including but not limited to termination of the contract, imposition of penal damages, forfeiture of the Bank Guarantee and refund of the amounts paid by the Buyer.
5. **Agents / Agency Commission.** The seller confirms and declares to the Buyer that the Seller is the original manufacturer of the stores/provider of the services referred to in this Contract and has not engaged any individual or firm, whether Indian or foreign whatsoever, to intercede, facilitate or in any way to recommend to the Govt. of India or any of its functionaries, whether officially or unofficially, to the award of the contract to the Seller; nor has any amount been paid, promised or intended to be paid to any such individual or firm in respect of any such intercession, facilitation or satisfaction of the Buyer that the present declaration is in any way incorrect or if at a later stage it is discovered by the Buyer that the Seller has engaged any such individual/firm, and paid or intended to pay any amount, gift, reward, fees, commission or consideration to such person, party, firm or institution, whether before or after the signing of this contract, the Seller will be liable to refund that amount to the Buyer. The Seller will also be debarred from entering into

  
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Systems Manager





any supply contract with the Government of India for a minimum period of five years. The Buyer will also have a right to consider cancellation of the Contract either wholly or in part, without any entitlement or compensation to the Seller who shall in such an event be liable to refund all payments made by the Buyer in terms of the Contract along with interest at the rate of 2% per annum above LIBR rate, The Buyer will also have the right to recover any such amount from any contracts concluded earlier with the Government of India.

6. **Access to Books of Accounts.** In case it is found to the satisfaction of the buyer that the Seller has engaged an Agent or paid commission or influenced any person to obtain the contract as described in clauses relating to Agents/Agency Commission and penalty for use of undue influence, the Seller, on a specific request of the Buyer, shall provide necessary information/inspection of the relevant financial documents/information.

7. **Non-disclosure of Contract documents.** Except with the written consent of the Buyer/Seller, other party shall not disclose the contract or any provision, specification, plan, design, pattern, sample or information thereof to any third party.

8. **Liquidated Damages.** In the event of the Seller's failure to submit the Bonds, Guarantees and Documents, supply the stores/goods and conduct trials, installation of equipment, training etc. as specified in the contract, the Buyer may, at his discretion, withhold any payment until the completion of the contract. The BUYER may also deduct from the SELLER as agreed, liquidated damages to the sum of 0.5% of the contract price of the delayed/undelivered stores/services mentioned above for every week of delay or part of a week, subject to the maximum value of the Liquidated Damages being not higher than 10% of the value of delayed stores/services.

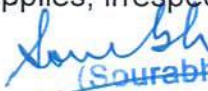
9. **Termination of Contract:** The Buyer shall have the right to terminate this Contract in part or in full in any of the following cases:-

- (a) The delivery of the material/services is delayed for causes not attributable to Force Majeure for more than 01 month after the scheduled date of delivery/completion.
- (b) The Seller is declared bankrupt or becomes insolvent.
- (c) The delivery of material/services is delayed due to causes of Force Majeure by more than 01month provided Force Majeure clause is included in contract.
- (d) The Buyer has noticed that the Seller has utilized the services of any Indian/Foreign agent in getting this contract and paid any commission to such individual/company etc.
- (e) As per decision of the Arbitration Tribunal.

10. **Notices:** Any notice required or permitted by the contract shall be written in the English language and may be delivered personally or may be sent by FAX or registered pre-paid mail/airmail, addressed to the last known address of the party to whom it is sent.

11. **Transfer and Sub-letting:** The Seller has no right to give, bargain, sell, assign or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present Contract or any part thereof.

12. **Patents and other Industrial Property Rights:** The prices stated in the present contract shall be deemed to include all amounts payable for the use of patents, copyrights, registered charges, trademarks and payments for any other industrial property rights. The seller shall indemnify the Buyer against all claims from a third party at any time on account of the infringement of any or all the rights mentioned in the previous paragraphs, whether such claims arise in respect of manufacture or use. The Seller shall be responsible for the completion of the supplies including spares, tools, technical literature and training aggregates irrespective of the fact of infringement of the supplies, irrespective if the fact of infringement of any or all the rights mentioned above.

  
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Lt Commander  
Systems Manager  
Ministry of Defence





13. **Amendments:** No provision of present Contract shall be changed or modified in any way (including this provision) either in whole or in part except by an instrument in writing made after the date of this Contract and signed on behalf of both the parties and which expressly states to amend the present Contract.

14. **Taxes and Duties**

(a) If Bidder desires to ask for Duty/Tax/GST extra, the same must be specifically stated. In the absence of any such stipulation, it will be presumed that the prices include all such charges and no claim for the same will be entertained.

(b) If reimbursement of any Duty/Tax/GST is intended as extra over the quoted prices, the Bidder must specifically say so. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of such duty/tax/GST will be entertained after the opening of tenders.

(c) If a Bidder chooses to quote a price inclusive of any duty/tax/GST and does not confirm inclusive of such duty/tax/GST so included is firm and final, he should clearly indicate the rate of such duty/tax/GST and quantum of such duty/tax/GST included in the price. Failure to do so may result in ignoring of such offers summarily.

(d) If a Bidder is exempted from payment of any duty/tax/GST up to any value of supplies from them, he should clearly state that no such duty/tax will be charged by him up to the limit of exemption which he may have. If any concession is available in regard to rate/quantum of any Duty/tax/GST, it should be brought out clearly. Stipulations like, the said duty/tax/GST was presently not applicable but the same will be charged if it becomes leviable later on, will not be accepted unless in such cases it is clearly stated by a Bidder that such duty/tax/GST will not be charged by him even if the same becomes applicable later on. In respect of the Bidders, who fail to comply with this requirement, their quoted prices shall be loaded with the quantum of such duty/tax/GST which is normally applicable on the item in question for the purpose of comparing their prices with other Bidders.

(e) Any change in any duty/tax/GST upward/downward as a result of any statutory variation in excise taking place within contract terms shall be allowed to the extent of actual quantum of such duty/tax/GST paid by the supplier. Similarly, in case of downward revision in any duty/tax/GST, the actual quantum of reduction of such duty/tax shall be reimbursed to the Buyer by the Seller. All such adjustments shall include all relief's, exemptions, rebates, concession etc. if any obtained by the Seller.

**---END OF PART III---**

  
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## Part IV – Special Conditions of RFP

The Bidder is required to give confirmation of their acceptance of Special Conditions of the RFP mentioned below. Failure to do so may result in rejection of Bid submitted by the Bidder.

**Note: This is a Limited Tender Enquiry and no unsolicited bids will be accepted/entertained by this office in accordance with GFR 2017.**

1. **Performance Guarantee:** The Bidder will be required to furnish a Performance Guarantee by way of Bank Guarantee through a public sector bank or a private sector bank authorized to conduct government business (ICICI Bank Ltd., Axis Bank Ltd or HDFC Bank Ltd.) for a sum equal to 3% of the quoted price within 30 days of receipt of the confirmed order. Performance Bank Guarantee should be valid up to 60 days beyond the date of warranty. The specimen of PBG is given in Form DPM-15 (Available in MoD website and can be provided on request).
2. **Repeat Order Clause:** The contract will have a Repeat Order Clause, wherein the Buyer can order upto 50% quantity of the items under the present contract within six months from the date of supply/successful completion of this contract, the cost, terms & conditions remaining the same. The Bidder is to confirm acceptance of this clause. It will be entirely the discretion of the Buyer to place the Repeat order or not.
3. **Tolerance Clause:** To take care of any change in the requirement during the period starting from issue of RFP till placement of the contract, Buyer reserves the right to 50% plus/minus increase or decrease the quantity of the required goods upto that limit without any change in the terms & conditions and prices quoted by the Seller. While awarding the contract, the quantity ordered can be increased or decreased by the Buyer within this tolerance limit.
4. **Payment Terms for Sellers:** It will be mandatory for the Bidders to indicate their bank account numbers and other relevant e-payment details so that payments could be made through ECS/EFT mechanism instead of payment through cheques, wherever feasible. A copy of the model mandate form prescribed by RBI to be submitted by Bidders for receiving payments through ECS is at Form DPM-11 (Available in MoD website and can be given on request). **The 100% payment will be made after delivery of the item and acceptance by the user subject to submission of the documents mentioned in Para 6 below.**
5. **Advance Payments:** No advance payment(s) will be made.
6. **Paying Authority:** The payment of bills will be made through CDA (Navy/CoastGuard) on submission of the following documents by the Seller to the Paying Authority along with the bill:
  - (a) Ink-signed copy of contingent bill / Seller's bill.
  - (b) Ink-signed copy of Commercial invoice / Seller's bill.
  - (c) Copy of Work Order
  - (d) CRVs in original.
  - (e) Inspection note.
  - (f) Claim for statutory and other levies to be supported with requisite documents / proof of payment such as Excise duty challan, Customs duty clearance certificate, Octroi receipt, proof of payment for EPF/ESIC contribution with nominal roll of beneficiaries, etc as applicable.



*(Signature)*  
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- (g) Exemption certificate for Excise duty / Customs duty, if applicable.
- (h) Bank guarantee for advance, if any.
- (j) Guarantee / Warranty certificate.
- (k) Performance Bank guarantee / Indemnity bond where applicable.
- (l) Details for electronic payment viz Account holder's name, Bank name, Branch name and address, Account type, Account number, IFSC code, MICR code (if these details are not incorporated in supply order/contract).
- (m) Any other document / certificate that may be provided for in the Supply Order.
- (n) User Acceptance certificate.
- (p) Xerox copy of PBG.

7. **Fall clause:** The following Fall clause will form part of the tender placed on successful Bidder:-

(a) The price charged for the items mentioned at Para 1 Part II under the contract by the Seller shall in no event exceed the lowest prices at which the Seller sells the items/ services mentioned at Para 1 Part II or offer to sell the items mentioned at Para 1 Part II of identical description to any persons/ Organization including the purchaser or any department of the Central government or any Department of state government or any statutory undertaking of the central or state government as the case may be during the period till performance of all supply Orders placed during the currency of the present contract is completed.

(b) If at any time, during the said period the Seller reduces the sale price, sells or offer to sell the items to any person/organization including the Buyer or any Deptt, of central Govt. or any Department of the State Government or any Statutory undertaking of the Central or state Government as the case may be at a price lower than the price chargeable under the contract, he shall forthwith notify such reduction or sale or offer of sale to the Director General of Supplies & Disposals and the price payable under the contract for the items of such reduction of sale or offer of the sale shall stand correspondingly reduced. The above stipulation will, however, not apply to:-

- (i) Exports by the Seller.
- (ii) Sale of goods as original product at price lower than the prices charged for normal replacement.
- (iii) Sale of goods such as drugs, which have expiry dates.
- (iv) Sale of goods at lower price on or after the date of completion of sale/placement of the order of goods by the authority concerned under the existing or previous Rate Contracts as also under any previous contracts entered into with the Central or State Govt. Depts, including their undertakings excluding joint sector companies and/or private parties and bodies.

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8. **Risk & Expense clause:**

(a) Should the item not be delivered within the time or times specified in this RFP, or if defective delivery is made in respect of the item, the Buyer shall after granting the Seller 45 days to cure the breach, be at liberty, without prejudice to the right to recover liquidated damages as a remedy for breach of supply order, to declare the tender as cancelled either wholly or to the extent of such default.

(b) Should item not perform in accordance with the specifications / parameters provided by the SELLER during the check proof tests to be done in the BUYER's establishment, the BUYER shall be at liberty, without prejudice to any other remedies for breach of contract, to cancel the tender wholly or to the extent of such default.

(c) In case of material breach that was not remedied within 45 days, the BUYER shall, having given the right of first refusal to the SELLER be at liberty to procure from any other source as he thinks fit, other stores of the same or similar description to make good :-

(i) Such default.

(ii) In the event of the contract being wholly determined the balance of the stores remaining to be delivered there under.

(d) Any excess of the purchase price, cost of manufacturer, or value of any stores procured from any other supplier as the case may be, over the contract price appropriate to such default or balance shall be recoverable from the SELLER. Such recoveries shall not exceed 10 % of the value of the contract."

9. **Force Majeure clause:**

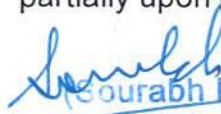
(a) Neither party shall bear responsibility for the complete or partial non-performance of any of its obligations (except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the present contract), if the non-performance results from such Force Majeure circumstances as Flood, Fire, Earth Quake and other acts of God as well as War, Military operation, blockade, Acts or Actions of State Authorities or any other circumstances beyond the parties control that have arisen after the conclusion of the present contract.

(b) In such circumstances the time stipulated for the performance of an obligation under the present tender is extended correspondingly for the period of time of action of these circumstances and their consequences.

(c) The party for which it becomes impossible to meet obligations under this contract due to Force Majeure conditions, is to notify in written form the other party of the beginning and cessation of the above circumstances immediately, but in any case not later than 10 (Ten) days from the moment of their beginning.

(d) Certificate of a Chamber of Commerce (Commerce and Industry) or other competent authority or organization of the respective country shall be a sufficient proof of commencement and cessation of the above circumstances.

(e) If the impossibility of complete or partial performance of an obligation lasts for more than 6 (six) months, either party hereto reserves the right to terminate the order totally or partially upon giving prior written notice of 30 (thirty) days to the other party of the intention

  
Sourabh Pandey  
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Systems Manager  
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to terminate without any liability other than reimbursement on the terms provided in the agreement for the goods received.

10. **Specification:** The following specification clause will form part of the contract placed on successful Bidder - The Seller guarantees to meet the specifications as per Part-II of RFP and to incorporate the modifications to the existing design configuration to meet the specific requirement of the Buyer. All technical literature and upgrades to the product shall be carried out as modifications by the Seller before supply to the Buyer. The seller in consultation with the Buyer, may carry out technical upgradation/alterations in the design, drawings and specifications due to change in manufacturing procedures. This will, however not in any way, adversely affect the end specifications of the product. Changes in technical details, drawings, repair and maintenance techniques alongwith necessary tools as a result of upgradations/alterations will be provided to the Buyer free of cost within 30 days of affecting such upgradation/alterations.

11. **OEM Certificate:** Not Applicable.

12. **Earliest Acceptable Year of Manufacture:** The item should be of latest version, conform to current production standard and should have 100% defined life at the time of delivery. Deviations, if any, should be clearly brought out by the vendor in the technical proposal.

13. **Quality:** The quality of the items delivered according to the present Contract shall correspond to the technical conditions and standards or specifications enumerated as per RFP and shall also include therein modification to the items mentioned at Para 1 Part II suggested by the Buyer. Such modifications will be mutually agreed to. The Seller confirms that the stores to be supplied under this Contract shall be new and shall incorporate all the latest improvements and modifications.

14. **Quality Assurance:** The item should be of the latest manufacture, conforming to the current production standard and having 100% defined life at the time of delivery.

15. **Joint-receipt Inspection:** The inspection will be carried out by the Buyer and Seller at Buyer premises.

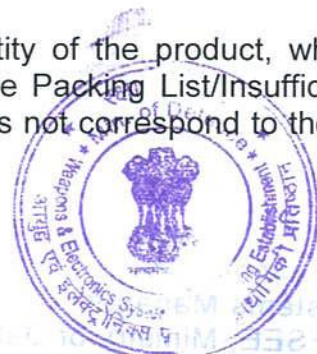
16. **Franking clause:** The following Franking clause will form part of the contract placed on successful Bidder:-

(a) **Franking Clause in the case of Acceptance of Goods:** "The fact that the goods have been inspected after the delivery period and passed by the Inspecting Officer will not have the effect of keeping the contract alive. The goods are being passed without prejudice to the rights of the Buyer under the terms and conditions of the contract".

(b) **Franking Clause in the case of Rejection of Goods:** "The fact that the goods have been inspected after the delivery period and rejected by the Inspecting Officer will not bind the Buyer in any manner. The goods are being rejected without prejudice to the rights of the Buyer under the terms and conditions of the contract."

17. **Claims:** The following claims clause will form part of the contract placed on successful Bidder:-

(a) The claims may be presented either: (i) on quantity of the product, where the quantity does not correspond to the quantity shown in the Packing List/Insufficiency in packing, or (ii) on quality of the product, where quality does not correspond to the quality mentioned in the contract.





(b) The quantity claims for deficiency of quantity shall be presented within 45 days of completion of acceptance of goods. The quantity claim shall be submitted to the Seller as per Form DPM-22 (Available in MoD website and can be given on request).

(c) The quality claims for defects or deficiencies in quality noticed during the acceptance shall be presented within 45 days of completion of acceptance of goods. Quality claims shall be presented for defects or deficiencies in quality noticed during warranty period earliest but not later than 45 days after expiry of the guarantee period. The quality claims shall be submitted to the Seller as per Form DPM-23 (Available in MoD website and can be given on request).

(d) The description and quantity of the stores are to be furnished to the Seller along with concrete reasons for making the claims. Copies of all the justifying documents shall be enclosed to the presented claim. The Seller will settle the claims within 45 days from the date of the receipt of the claim at the Seller's office, subject to acceptance of the claim by the Seller. In case no response is received during this period the claim will be deemed to have been accepted.

(e) The Seller shall collect the defective or rejected goods from the location nominated by the Buyer and deliver the repaired or replaced goods at the same location under Seller's arrangement.

(f) Claims may also be settled by reduction of cost of goods under claim from bonds submitted by the Seller or payment of claim amount by Seller through demand draft drawn on an Indian Bank, in favour of Principal Controller/Controller of Defence Accounts concerned.

(g) The quality claims will be raised solely by the Buyer and without any certification/countersignature by the Seller's representative.

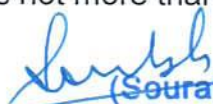
18. **Warranty:**

(a) The items listed at Para 1 of Part II of RFP shall carry a warranty of **12 months** from the date of acceptance of item or date of commissioning, whichever is later. The item supplied under the supply order and each component used in the item should be free from all types of defects/failures.

(b) The Seller shall warrant that the item supplied conform to technical specifications prescribed and shall perform according to the said Technical Specifications in this RFP.

(c) If within the period of warranty, the item reported by the Buyer to have failed to perform as per the specifications, the Seller shall either replace or rectify the same free of charge, maximum within 05 days of notification of such defect received by the Seller. Warranty of the product would be extended by such duration of downtime. Record of the down time would be maintained by user in log book. The seller also undertakes to diagnose, test, adjust and replace the product arising due to accidents by neglect or misuse by the operator or damage due to the transportation of the product during the warranty period, at the cost mutually agreed to between the buyer and the seller.

(d) Seller shall warrant that necessary service and repair back up during the warranty period of the product shall be provided by the Seller and he will ensure that the downtime is not more than 05 days of the warranty period.

  
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(e). Seller shall associate technical personnel of Maintenance agency and Quality Assurance Agency of the Buyer during warranty repair and shall also provide the details of complete defects, reasons and remedial actions for defects.

(f) If the product fails frequently and the cumulative down time exceeds 50% of the warranty period, the complete product shall be replaced free of cost by the Seller within a stipulated period of 15 days of receipt of the notification from the Buyer. Warranty of the replaced product would start from the date of acceptance after Joint Receipt Inspection by the Buyer/date of installation and commissioning.

19. **Product Support:** The Seller shall provide product support in terms of maintenance activities and repairs / trouble-shooting free of cost during the warranty period.

20. **Technical Documentation:** All necessary documentation (Technical and User manual) for using the product has to be provided by the bidder.

**---END OF PART IV---**



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## Part V – Evaluation Criteria & Price Bid issues

1. **Evaluation Criteria** - The broad guidelines for evaluation of Bid will be as follows:

(a) Only those Bids will be evaluated which are found to be fulfilling all the eligibility and qualifying requirements of the RFP, both technically and commercially.

(b) The Bidders are required to spell out the rates of Customs duty, Excise duty, Taxes, etc. in unambiguous terms; otherwise their offers will be loaded with the maximum rates of duties and taxes for the purpose of comparison of prices. If reimbursement of Customs duty / Excise Duty / Taxes is intended as extra, over the quoted prices, the Bidder must specifically say so. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of such duties will be entailed after the opening of tenders. If a Bidder chooses to quote a price inclusive of any duty and does not confirm inclusive of such duty so included is firm and final, he should clearly indicate the rate of such duty and quantum of excise duty included in the price. Failure to do so may result in ignoring of such offers summarily. If a Bidder is exempted from payment of Customs duty / Excise Duty / Taxes duty upto any value of supplies from them, they should clearly state that no excise duty will be charged by them up to the limit of exemption which they may have. If any concession is available in regard to rate/quantum of Customs duty / Excise Duty / Taxes, it should be brought out clearly. Stipulations like, excise duty was presently not applicable but the same will be charged if it becomes leviable later on, will not be accepted unless in such cases it is clearly stated by a Bidder that excise duty will not be charged by him even if the same becomes applicable later on. In respect of the Bidders who fail to comply with this requirement, their quoted prices shall be loaded with the quantum of excise duty which is normally applicable on the item in question for the purpose of comparing their prices with other Bidders. The same logic applies to Customs duty and other taxes also.

(c) If there is discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price will prevail and the total price will be corrected. If there is a discrepancy between words and figures, the amount in words will prevail for calculation of price.

(d) The Lowest Acceptable Bid will be considered further for placement of Supply Order after complete clarification and price negotiations as decided by the Buyer.

2. **Price Bid Format:** The Price Bid Format is given below and Bidders are required to fill this up correctly with full details:


| <u>Ser.</u> | <u>Description of Item</u> | <u>Qty (Nos.)</u> | <u>Unit Rate</u> | <u>Amount</u> |
|-------------|----------------------------|-------------------|------------------|---------------|
| (a)         |                            |                   |                  |               |

Total Basic Price: \_\_\_\_\_

(a) Is Tax/ GST extra?

If Yes, then mention the following:

- i. Total value on which Tax/ GST is leviable:
- ii. Rate of Tax/ GST:
- iii. Total value of Tax/ GST leviable:
- iv. GSTIN number:

  
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- (c) Any other Taxes / Duties / Overheads / Other costs:
- (d) Grand Total (inclusive of all taxes):

---End of Part V--

  
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SCOPE OF WORK

The detailed scope of work for Quantum Random Number Generator (QRNG) is given below:-

1. Quantum Random Number Generator (QRNG) based on Laser source and Single Photon Detector.
2. External Interface for Data Communication:
  - (a) Ethernet
  - (b) USB
3. RESTful API's for Random data collection on any of the Interfaces.
4. Configurable static IP address on the Ethernet Interface.
5. Security hardening of the interface against common vulnerabilities of VA/PT (OWASP top 10).
6. Random data output in binary, hexadecimal, ASCII Characters (1 or 0), Base64 encoding using a PC side GUI application to display the currently received random data and faculty to write to a file in arbitrary sizes.
7. User Authentication faculty through the GUI application and configuration of all Parameters required for setup and operation.
8. Form factor of standard 2U/ 4U Recur size for installation in Server racks.
9. The output data file size of 1GB must pass all the NIST (NIST SP 800-22 Rev1a or above) and Die-Harder (METAS) battery of Statistical Randomness Tests, and Entropy Tests (min (H)  $\geq 7.5$  for symbol of 8 bits) (NIST SP 800-90B).
10. Work completion/ Installation certificate from any GoI Labs/ Agencies/ PSUs of a QRNG device.
11. Integration of RESTful API with custom application/ VPN at WESEE.
12. All Randomness tests & reports/ documentation to be undertaken for 1MB, 100MB and 1GB files.
13. The effective Random data generation should be atleast 10 kilobits/sec.
14. Factory Acceptance Trails (FAT) would be undertaken at seller premises to ascertain compliance to above scope of work. The seller is to confirm compliance and provide atleast one week notice for scheduling FAT.

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